



HOW CLEAN-UP WEEK WAS GIVEN A RUNNING START IN Y-12 IS SHOWN IN THESE pictures. The picture below, published just last week in The Bulletin, shows Maintenance Supt. George Mitchel, Fire Chief W. O. Elam and Maintenance Division Administrative Assistant Nelson Tibbatts looking over a building to be removed as obsolete and unsightly. The two top pictures show Buildings and Grounds employees in the process of wrecking the building and removing the debris. Employees pictured include C. Dickie, C. T. Haun, W. T. Bryan, L. M. Anthony, E. L. Mapes, L. A. Jeffries, A. Atwood, J. E. Fogg and Henry Goins.

Y-12 Photos By Vince Moore

Y-12ers Will Get Group Insurance Dividends Friday

10,908 Carbide Folks In Ridge And Paducah Will Receive Checks

A total of 10,908 Carbide employees in Oak Ridge and Paducah eligible to receive 1951 dividends from their Carbide Group Insurance Plan participation will divide a melon of \$123,432.75 on Friday of this week, April 18. The dividend checks will be distributed at the regular pay points during the usual pay hours to both weekly and monthly paid employees.

\$37,047.12 Divided Here

The sum of \$37,047.12 will be distributed in Y-12 in dividend checks. Of this amount \$31,407.90 goes to Y-12ers and the remaining \$5,639.22 to Oak Ridge National Laboratory employees working in and drawing pay checks in Y-12. The Y-12 plant has 3,241 employees eligible to draw the insurance dividend checks and 428 ORNL employees in Y-12 also are eligible.

The 1951 dividend of the Carbide Group Insurance Plan is 22 per cent as against 30.47 the previous year. Last year Carbide employees in Oak Ridge and Paducah divided \$142,398.54.

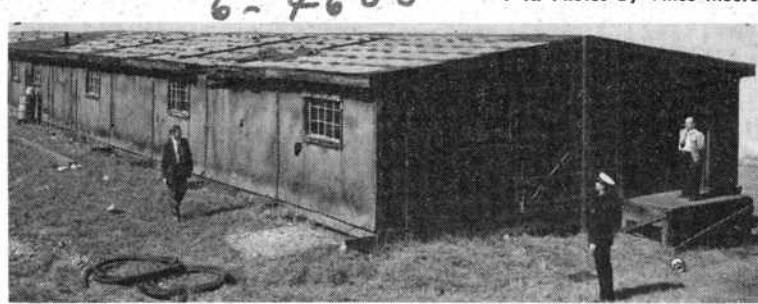
The 1949 dividend amounted to \$125,068.24, representing a 26 per cent payment. The 1948 figure was \$132,370.18 and in 1947 it was \$96,000.

Other Benefits Are Paid

The dividend payments to be made this week to Carbide employees for their 1951 participation in the Carbide Group Insurance Plan is in addition to the other benefits received last year. During 1951 Y-12ers received \$121,326.78 in benefits representing 1,045 claims. The total benefits paid out to employees in all three Carbide units in Oak Ridge last year amounted to \$726,426.05.

KY. COMMUNITY GROWS

The Paducah, Ky., Sun-Democrat reports that Forrestdale, once known as "Flattop Village," is taking its place as a community of prefabricated near the new Carbide plant at the Kentucky city. Carbide employees are expected to occupy the housing units when they are vacated by construction workers now living in them.



The Great A-Bomb Robbery

Rolled Gloves, Tennis Ball 'Introduce' Fuchs And Gold

Bob Considine, in the following article, describes the meeting of two insignificant men on a New York street in 1944. This is the fourth of 11 articles.

By BOB CONSIDINE
International News Service
Staff Correspondent
(World Copyright 1951 by INS)

Many of the world's foremost woes and fears date from an inconspicuous meeting of two humble-looking intellectuals on a seamy street in suburban Woodside, N. Y., early in 1944.

From one direction strolled a roundish, flabby little Philadelphia chemist named Harry Gold. He carried a green-bound book. If there was anything unusual about him it was the pair of gloves rolled tightly in his right hand, like a chubby baton.

From the opposite direction walked a pale wiry man in his late 30's, blinking solemnly behind his horn-rimmed glasses. His clothes were of the stiffly imaginative goods of war-time England, but on the street which he now trod — to the eventual despair of all free men — he melded into the air a shabby gentility. In his hand he carried, half-concealed, a tennis ball.

The symbols of recognition being unmistakable, both men paused.

"I'm Raymond," Harry Gold, a document-running courier for the Communist spy apparatus for the previous 10 years, whispered.

Mechanical Engineers Body Meet At Dinner Thursday

All Y-12 members of the Oak Ridge Section of the American Society of Mechanical Engineers are urged to attend a dinner meeting of the section at 6:30 o'clock tomorrow night, Thursday, April 17, at the Oak Terrace. The program will include movies of rocket test flights. A society student contest paper, "Design of a Fluid Dynamometer," will be read by Winfred Summers, of the University of Tennessee.

ISOTOPES FOR INSANITY

Reuters News Agency reports from Sweden that that nation is using radioisotopes to investigate problems of insanity as well as to make its industry more efficient.

The other man, faintly aloof as he studied Gold, said clearly, "I am Dr. Klaus Fuchs." He walked on with Gold (whom he was to know only as "Raymond") at his side.

It was an hour of more momentous significance to the USSR than Stalingrad, or the defense of Moscow. From that hour the Kremlin could move firmly toward the creation of an atomic stockpile. Fuchs, at that meeting, had behind him a life which will be studied for generations to come by psychologists, psychiatrists and criminologists—for his own subsequent confessions, six years later, appear too juvenile to shed serious light on the events which motivated one of history's top crimes.

Son Of Lutheran Pastor

He was raised in a pious atmosphere and a happy family. His



Bob Considine

Y-12ers Get Jump On Clean-Up Week As Work Of Improving Appearance, Removing Safety Hazards Launched

Campaign Will Be Continued As Long As Needed To Attain Objectives; Departmental Meetings, Inspections Spur Movement Throughout Plant

Y-12ers throughout the plant got the jump on the calendar in observance of Clean-Up Week and even before the gun sounded for opening of the prescribed period from April 14 through April 20 definite steps were being taken to improve the housekeeping and appearance of the area. Maintenance Division trucks and personnel began wrecking and removing obsolete and unsightly buildings. Piles of trash were being assembled from inside buildings and quickly whisked away, offices and laboratories were being put into order—all with the objective of not only making Y-12 a better appearing plant but also to remove whatever fire and safety hazards that might have existed.

Because of the accelerated work schedule in the plant, it has been pointed out by Y-12 Plant Superintendent W. D. Lavers, housekeeping in the Y-12 plant has suffered during the past several months. A thorough survey of the plant last week has revealed that more scrap and obsolete material and other trash had accumulated than at first believed so the Clean-Up Week program will be continued past the original expiration date as long as necessary to put the entire Y-12 area in a spic and span condition as far as possible.

Safety Meetings Get Program

Clean-Up Week procedure is being stressed this week at safety meetings throughout Y-12 with various departments being organized to carry out the program. Inspections by special departmental committees began last week of conditions in their particular work areas and the findings of the committees are to be followed closely to see that all recommendations for cleaning up and elimination of hazards are carried out. At the end of the week follow-up inspections will be made. Special blanks for listing of items requiring attention have been provided every departmental committee.

Questions posed in these blanks, which will form a report of action during Clean-Up Week, include such subjects as "Are aisles, corridors, exits and stairways unobstructed? Are all outside fire escapes free from obstructions? Are waste and rubbish receptacles adequate? Are locker rooms, rest rooms, and lockers clean and well

Continued on Page 4

Fall From Float Breaks Y-12 Accident-Free String

The Y-12 string of 34 days without a lost time accident was broken on Monday, April 7. The report of the Safety Department on the accident follows:

"On April 7 at 2:15 p. m., a rigger in Dept. 2014 (Buildings and Grounds) was in the act of descending from a float by placing his left toe in the three-inch deep flange between the webbing of the steel channel side rail after he and a co-worker had unloaded the float at the 'burial ground' in the Oak Ridge National Laboratory area. While his right foot was on the deck of the float, his left foot slipped from the webbing, causing the employee to fall backward approximately 30 inches to the ground.

"The employee received a fractured left wrist and will be absent from work about 10 days."

SAFETY SCOREBOARD

Your Plant Has
Operated
Six Days
Without A Lost Time
Accident
Through April 13

Applied Atom Power Topic At Section Meet

The currently important and interesting subject of "Applied Atomic Energy" will be authoritatively discussed at a meeting of the Oak Ridge Section of the American Institute of Chemical Engineers at 8 o'clock tonight, Wednesday, April 16. The meeting will be held at the Cedar Hill School at the head of Michigan Ave., at Outer Drive. All Y-12ers, especially members of the section, and the public are invited to hear the discussion.

Dr. John J. Grebe, director of physical research for the Dow Chemical Co., will be the speaker. The Dow Chemical Co. is one of eight companies in the country making a survey of economical and practical application of reactors for industrial use, the survey being made at the request of the Atomic Energy Commission. In his official capacity with the Dow Chemical Co., Dr. Grebe will discuss the matter as an industrialist.

Physics Seminar Will Meet Friday At ORNL Location

The weekly meeting of the Oak Ridge Physics Seminar on Friday, April 18, will be held at a new time and place and Y-12ers intending to attend are reminded of the change. The session will be held at 3 p. m. in Room 107, Bldg. 3022, Oak Ridge National Laboratory. The speaker will be Dr. E. C. Campbell, of the physics division of ORNL. His subject will be "Radiation From Short-Period Radioisotopes."

CADMIUM TRUCK STOLEN

Reuters News Service recently reported that a British government truck, carrying seven and one-half tons of cadmium, was stolen in London.

The Bulletin

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Camera Club Buys Additional Equipment

Joseph Lundholm, Jr., of the Oak Ridge National Laboratory and past president of the Oak Ridge Camera Club, took first place in the club contest held April 8. Stanley Hornbaker, another ORNL employee, was second, and Herman Dickerson, of Y-12, finished third. The contest was for color slides on night photography. Dan Bopp, of ORNL and stationed in Y-12, judged the slides.

Talk Given On Color

Guest speaker at the meeting was C. K. Ewing, of the University of Tennessee fine arts department. He spoke on color composition in art and his talk was illustrated by slides.

R. K. Schroeder, president of the club, has announced purchase of a considerable amount of new equipment for the club quarters in the Y-12 East Portal building that is available for use by all club members. The new material includes two light stands capable of supporting No. 4 photo floods, adapters permitting use of No. 2 photo flood bulbs in No. 4 reflectors, film holders for the club's 3 3/4 by 4 1/4 Graflex camera, adjustable cut film tank, adjustable roll film tank, 10 filter set of varigram filters and a set of paper tongs.

Print Contest Set

The next meeting of the club will be on Tuesday, May 13, when a contest for black and white photographic prints of landscapes and scenes will be held. The rest of the program will be announced shortly.

New Lawnmower Looks Like Half Of Fedora Hat

Sheep shears on wheels describe a new idea in lawnmowers invented and patented by Arthur J. Root, Sr., of Baxter Springs, Kan., according to the National Patent Council. The mechanism resembles half of a fedora hat with shear points extending beyond the brim. They rotate on a disk and are powered by a motor. A guard rail over the cutting points is designed to prevent accidents.



CASEY - FUNDERBURG

The marriage of Miss Lurla Blanche Funderburg, of the Y-12 Medical Department, and Hobson Horton Casey, of the General Electric Co., was solemnized at 5:30 o'clock Saturday afternoon, April 5, at the Chapel-On-The-Hill. The ceremony was performed by the Rev. Frank Porter, pastor of the First Methodist Church of Oak Ridge.

Parents of the bride are Mr. and Mrs. Claude Hawkins Funderburg, of 148 Wellington Circle, Oak Ridge. The groom is the son of Mrs. Martin Luther Casey and the late Mr. Casey, of Henegar, Ala.

The bride, who was given in marriage by her father, wore a white satin dress with chapel train and jeweled neckline, the sleeves coming to a point over the wrist. The gown was draped in front to form a modified bustle that fell into the train. She carried a white Bible and a white orchid.

Miss Frances Skeen was maid of honor and wore a gown of pink net and lace, full length, and carried pink carnations.

Thornton Casey, brother of the groom, of Paducah, Ky., was best man. Ushers were Judson Casey, of Centralia, Ill., and Marion Casey of Paducah.

During the ceremony nuptial music was presented by Mrs. Harold Lunn at the organ and Warren Kellar, soloist.

Following the ceremony a reception was held at the Ridge Recreation Hall.

Out-of-town guests included Mrs. E. H. Waldrop, Miss Anne Waldrop and Sgt. James Waldrop, all of Birmingham, Ala., Mr. and Mrs. A. L. Burkett and Mrs. J. M. Funderburg, Montgomery, Ala., Mrs. James Woody, Chicago, Ill., and Mr. and Mrs. J. D. Brown, Florence, Ala.

The bride attended Alabama Polytechnic Institute, Auburn, Ala., and her husband the Snead Junior College, Boaz, Ala., and the University of Tennessee, Knoxville.

The couple will live in Oak Ridge.



Three Y-12 employees were listed as fathers of babies born recently at the Oak Ridge Hospital. Marlin S. Dill, Administrative Normal, became father of a boy born April 7. James M. Stone, Maintenance Shops, became father of twin boys born April 9. James N. Brewer, Administrative Normal, became father of a boy born April 7.



6-4659
SATURDAY, APRIL 5, WAS A POPULAR DAY FOR Y-12 BRIDES, THREE OF WHOM ARE shown above with their new husbands acquired on that date. At left is Mr. and Mrs. Hobson Horton Casey. Mrs. Casey is the former Miss Lurla Blanche Funderburg. At center is Mr. and Mrs. John H. Nicklas, Mrs. Nicklas being the former Miss Olean Rutland. At right is Mr. and Mrs. Charles F. Coleman. Mrs. Coleman is the former Miss Virginia Spivey.



Three or four or five dozen friends of Ray Barron flung a whing-ding for the Y-12 Office Manager one night last week in honor of his 25th anniversary as a Carbide employee. The locale was the Oak Terrace. Games were played and refreshments served. Cited for outstanding contributions to the merriment were (1) Master of Ceremonies John (only entrant) Reece. (2) Best pantomime actor K. S. (Wrecker) Lyle. (3) Marathon piano playing Harold (Pennies From Heaven) Ratjen. (4) Leading kidnaper Jack (he brought the guest of honor) Garland. (5) Community singing direction George (Irish Thrush) McNamee. . . . Oh, yes, the guy that had the best time, Ray Barron.

Ray E. Hill, of Plant Engineering, and his wife, Betty, of Research Engineering, spent last week's vacation in Washington, D. C. . . . The department welcomes Joe Hiller and R. K. Goosie to the roster.

P. W. G. Nielson, of Research Engineering, and his wife are spending a two-week vacation in Tampa, Fla.

W. C. Moyers, of the General Maintenance Office, spent last week vacationing at home in Knoxville.

Mike Crews, of Field Maintenance, has his son, Sgt. Mack Crews, home on a 30-day leave—Sergeant Crews is stationed in Tucson, Ariz., with the Air Force.

Virginia Guettner, of Medical, is vacationing this week at her home in Kingston.

Lloyd N. Williams, of Training, and his family are visiting relatives in Leesburg and Melbourne, Fla., while on a two-week vacation.

Bonita Woods, of the Laundry Department, is enjoying a leisurely vacation at her home in Oak Ridge this week.

Health Physics extends the wish for a speedy recovery to Sewell Howard and to J. D. Hall, who are both on the ailing list. . . . Ann Strunk and her husband, "Buz," spent Easter with his folks in Versailles, Ky.

The Personnel Department extends get-well wishes to Virginia Phillips.

Irene Turner, of Manufacturing Offices, spent the week end with her folks in Charlottesville, Va.

Helen Claffey, of Stores, spent Easter at her home in Mississippi.

The Property Department extends wishes for a speedy recovery to Dorothy Tompkins, who is a patient in St. Mary's Hospital, Knoxville.

W. S. Miller, of Electrical Maintenance, is spending a two-week vacation with relatives in Kansas.

R. H. Freeman also is vacationing for two weeks. . . . J. R. Carriger, J. W. Scarbrough and B. W. Beckman have all reported

back from a week's vacation. . . . Get-well wishes are extended to the fellows on the ailing list, which includes H. L. Hawkins, R. P. Helton and C. R. Luttrell.

Property Sales welcomes Betty Sims to the roster. . . . Warren Bass spent last week's vacation at his home in Oliver Springs. . . . S. M. Lyles vacationed at his home in Coalfield last week.

The Chemical Department extends get-well wishes to George Strasser and Jim Arrington. . . . C. C. Ruckart and Jack Goldston were on last week's vacation list.

Doris Brogan, of the Assay Laboratory, spent the week end at her home in Middlesboro, Ky. . . . Florence Robbins spent Easter with her parents in Oneida, Tenn. . . . Opal Neeley was with her folks in Bristol, Va., over Easter. . . . Sue Denton and her husband spent the week end in Celina, Tenn. . . . Cecil Hurtt went home to LaFollette for the Easter season. . . . Mary Ballard spent Easter at home in Maryville, Tenn. . . . Mary Katherine Householder was at home in Pigeon Forge over Easter. . . . Helen Jeune spent the week end with Helen Hicks at her home in Cleveland, Tenn. . . . Thelma Knisley spent Easter at her home in Corryton. . . . Rosel Davis spent the week end with relatives in Elberton, Ga. . . . W. T. McBryde and his family are visiting his parents in New Albany, Miss., while on vacation this week. . . . Dorothy Reynolds had as recent guests her brother and his family from Chattanooga.

Leo Caldwell, of Isotope Research, and his family visited his mother in Calhoun, Miss., over the week end. . . . Buddie Garrett, and her husband, Benson, spent the week end in Jefferson City. . . . Dr. Stan Holt, a former Y-12er in the Biology Division, and Mrs. Holt were in Oak Ridge last week visiting Leon and Catherine Love—Dr. Holt is now with the University of Illinois. . . . Get-well wishes are extended to O. B. Rudolph, who is a patient in Fort Sanders Hospital at Knoxville.

The General Electric Company employees in Y-12 welcome John Fritts and Bryce Kennedy to the roster. . . . Congratulations are extended to Roy Hardin, who is the proud papa of an eight-pound two-ounce baby boy—little Roy—the third—was born April 10, at the Oak Ridge Hospital.

Congratulations to James M. Stone, of Maintenance Shops, who is the proud papa of twin boys, born April 9, in the Oak Ridge Hospital.

Don't forget those vacation pictures for The Bulletin—scenery, bathing beauties, fish—anything of interest. Let's have 'em. S'long until next week.

Attendance Record

MAJOR LEAGUE				
More Than 50 Employees Scheduled				
Dept.	Absent Percentage	Standing	4-6-52	3-30-52
2077	1.1	1	5	
2060	1.25	2	4	
2619	1.26	3	1	
2790	1.8	4	10	
2617	2.0	5	2	
2739	2.4	6	6	
2001	2.6	7	9	
2773	2.65	8	7	
2003	2.69	9	15	
2091	2.8	10	8	
2618	3.50	11	12	
2018	3.51	12	3	
2015	4.27	13	14	
2142	4.34	14	13	
2014	4.4	15	11	
2008	6.1	16	16	

Group absentee percentage was 2.9 per cent, remaining the same as the preceding week.

MINOR LEAGUE				
15-49 Employees Scheduled				
Dept.	Absent Percentage	Standing	4-6-52	3-30-52
2743	0.0	1	1	
2107	0.0	1	2	
2200	0.0	1	6	
2002	0.51	2	10	
2145	0.52	3	1	
2064	1.2	4	8	
2143	1.4	5	4	
2109	1.8	6	5	
2005	2.1	7	3	
2108	2.2	8	12	
2096	3.0	9	11	
2090	4.1	10	14	
2144	5.2	11	9	
2133	6.03	12	7	
2616	6.04	13	12	
2093	7.6	14	13	

Group absentee percentage was 2.4 per cent, .1 per cent lower than the preceding week.

The plant average for the week ending April 6 was 2.8 per cent, remaining the same as the preceding week.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Maynard L. Lay, Field Maintenance; John A. Atchley, Guard; James A. Burns, Buildings and Grounds; Lloyd M. Thompson, Standby Plant Maintenance; Herman P. Kackenmaster and Thomas E. Crabtree, ANP Division; Leon A. Brown, Property; Barton B. Thornton, Stores; Lester P. Parrett, Field Maintenance; Jim Arrington, Chemical; Jack L. Bailey and John A. Bradshaw, Administrative Normal; and Belitha Henley, Janitors.

'Hobo Dance' Set April 26 By Carbide Wives Group

A "Hobo Dance" will be given Saturday night, April 26, in the East Lounge of the Ridge Recreation Hall by the Carbide Wives. The affair will last from 9 p. m. to 1 a. m. and prizes will be given for the best costumes. Refreshments will be served.

Tickets may be obtained from Mesdames Lyle Overholser, telephone 5-6396; L. T. Murphy, telephone 5-7613; William Penn, telephone 5-6266; and D. J. Knowles, telephone 5-9742. Tickets should be purchased and reservations made by next Monday, April 21.



6-4574
FRIENDS OF MRS. HAZEL HALL DICKENS, DAUGHTER OF Lonnie Hall, of the Y-12 Research Services Department, and a recent bride, entertained her at a miscellaneous shower March 29. The Y-12er's daughter married Joseph Dickens, son of a K-25 employee, February 29. Guests at the shower, shown above, are, seated from left, Nancy Hay, Margaret Moss, Mrs. Clyde Notes, Mrs. Joe Dingus, Mrs. Howard Dickens, Doris Hall, Jerry Gragg, Mrs. Dickens, the honoree; and Mrs. Lonnie R. Hall, her mother. In rear are Patricia Smith, of Y-12; Mrs. Ed Smith, Mrs. J. P. Wood, wife of a Y-12er; Mrs. Howard Hay and Mrs. O. D. Moss. Hostesses were Nancy Hay and Margaret Moss.

PLANT SOFTBALL PROGRAM WELL UNDER WAY

Y-12 SPORTS

Opening Golf Loop Schedule Is Announced

Competition was scheduled to start this week in the Y-12 Golf League with 11 teams organized and ready to go. There is a vacancy of one team in the circuit and any golfers not now signed to play with one of the present teams are urged to get together and fill the empty spot.

The schedule of play calls for one round of play in each of the two halves of the season with each team meeting every other team once. Winners of each half will meet for the seasonal championship. Matches may be played any day of the week in which they are slated.

The opening week's schedule is Rippers vs Hooks, Eagles vs Shakers, Four 100s vs Rough Riders, Turf Riders vs Four Woods, Fat Boys vs Grand Slammers and Bldg. 9212 vs Bye.

For the week beginning Monday, April 21, the schedule is Grand Slammers vs Bldg. 9212, Fat Boys vs Four Woods, Shakers vs Four 100s, Turf Riders vs Rough Riders, Hooks and Rippers vs Bye.

Isotopes Continue Climb To Vacate Cellar Of D League

Far out of competition for most of the season, the Isotopes bowlers of the D League are making a determined bid to climb out of the cellar. The "hot" lads kept up their winning streak by blanking the Woodchucks last week to mount to two points of getting out of the basement. In another match the Vectors increased their lead by whitewashing the Old Men as the second place Toppers could only grab three from the Grocers. The Hoboes and Activators broke even in the other engagement.

Sheridan, of the Isotopes, collected a 215 scratch game, boosted to 253 with handicap for tops in those categories. Webber, of the Toppers, posted a 563 scratch series and 644 handicap series. The Toppers had most of the team scoring tops of the night with a 848 scratch game, 2366 scratch series and 2894 handicap series. The Isotopes got into the act with a 1033 handicap game.

League standing follows:

Team	W	L
Vectors	36	20
Toppers	34	22
Grocers	31	25
Old Men	29	27
Activators	28	28
Hoboes	26	30
Woodchucks	21	35
Isotopes	19	37

Roberts' 624 Aids Y-12 Beat Leaders

Roy Roberts' blistering 624 scratch series enabled the Y-12 varsity bowling team to whittle three points from the league leading Friedman team in the Oak Ridge City League on April 7, cutting the margin between the Jewelers and the second place Y-12ers to only four points. The Y-12ers registered 880, 971, 892—2743; to 785, 864, 960—2609 for Friedman.

Roberts started out with a 189, added a fine 244 and closed with 191 for his series. Other Y-12 scores were Jack Spears 168, 187, 189—544; Ernie Cobble 188, 189, 161—538; Len Hart 173, 194, 169—536; and Frank Gragg 162, 157, 182—501.

Y-12 Fishing Rodeo Tickets Now On Sale

Popular Contest Opens On Friday, April 25

Entry cards for the first Y-12 Fishing Rodeo were placed on sale at several different points throughout Y-12 last Friday morning and anglers of the plant were rising to that bait as fast as they hope fish of the area will rise to their lures during the rodeo that begins at 12:01 a. m., Friday, April 25, and continues to midnight, Sunday, May 4. Entries for this rodeo will close at 4:30 p. m., Friday, April 25.

Entire Families May Compete

This popular contest will allow entire Y-12 families—wife, husband and children—to compete for some appropriate prizes. All of the entry fees of 50 cents will be put back into awards.

The entry cards may be obtained from the following Y-12ers:

A. F. Kendig, Bldg. 9201-3; Elmer Green, Bldg. 9201-3; R. S. Philippi, Bldg. 9212; Evan Means, Bldg. 9737; Nelson Tibbatts, Bldg. 9739; Harold Miller, Bldg. 9404-5; George Chilton, ANP Division, Bldg. 9201-3, and at the Y-12 Recreation Office, North Portal, Bldg. 9701-1.

Here's how the Y-12 Fishing Rodeo works. An ambitious Y-12 angler, man or woman, buys an entry card for 50 cents. Then during the period of the rodeo he or she assembles members of the immediate family, wife, husband, and/or children, and goes fishing. Fish must be taken on rod or cane pole and line and be caught in Tennessee waters open to the public.

Top Three Get Prizes

Eligible for prizes are largemouth, smallmouth and striped bass, walleyed and sauger pike, crappie, bream and trout. Prizes will be awarded for the first three largest fish caught by any one family in these species with weight determining the winner. In case of ties length and girth in that order shall determine the winner.

Here is an important item for Y-12 anglers to remember. When a fish is caught for entry into the rodeo it must be entered on the reverse side of the entry card and weight and measurements certified by a dock operator or at Sutton's Sporting Goods Store or the Sportsman's Service Supply Store in Oak Ridge.

That's all, except that all cards must be returned to the Y-12 Recreation Office or either of the stores mentioned previously not later than noon, Monday, May 5.

Woes, Controllers Lose In W League; Race Is Tightened

Both the Woes and Controllers, top ladies in the W League, were tumbled rudely last week in the women's circuit bowling, the wives losing two games to the Cracker Jax and the Controllers being curbed by a whitewash defeat of three games by the Make Ups. The Strickettes conquered the Kemps and the Mix Ups downed the Hi Balls, each by two games. The results left the race considerably tightened with only eight games separating the first and seventh place teams. Three more nights of bowling remain on the league schedule.

Mary Cusman, of the Mix Ups, had the best scores, a 172 scratch that was increased to 220 with handicap. Juanita Kirwan's 485 scratch series and 602 handicap series were tops. In team scoring the Make Ups took most honors with a 708 scratch game, 897 handicap game and 2840 handicap series. The Controllers eased in

Y-12ers Win Four Scratch, Two Handicap Titles In Tourney; Official Scores Given

The final, complete and official winners in the All-Carbine Bowling Tournament are published below. Cash prizes will be sent to the winners, who are requested not to call the Recreation Office. However, Y-12 trophy winners will be told when to come to the Recreation Office, North Portal, to receive their awards.

Y-12 bowlers won four scratch crowns and one handicap trophy—in men's teams, women's teams, men's doubles, men's singles and in women's singles, the latter being the top handicap scoring for a Y-12er.

Here are the results with, in order, being given the position finished, name, plant identification, score and prize money won.

TEAMS—MEN	
Scratch Trophies—1, Wolves, Y-12, 2675. 2, Short Hairs, ORNL, 2656. 3, Rippers Y-12, 2577.	
Handicap Trophies—1, Wire Twisters, K-25, 3142. 2, Hurricanes, Y-12, 2973. 3, Beadle Bums, K-25, 2962.	
Cash Prizes, Handicap—1, Wire Twisters, K-25, 3142, \$70. 2, Short Hairs, ORNL, 3094, \$60. 3, Wolves, Y-12, 3032, \$50. 4, Hurricanes, Y-12, 2973, \$40. 5, Eight Balls, K-25, 2966, \$30. 6, Grocers, Y-12, 2959, \$20. 7 and 8 (tie), Pinsetters, K-25, and Rippers, Y-12, 2949 \$15. 9 and 10 (tie), Bums, Y-12, and Ally Oops, ORNL, 2947, \$9.50.	
TEAMS—WOMEN	
Scratch Trophies—1, Controllers, Y-12, 2086.	
Handicap Trophies—1, Ally Oomphs, K-25, 2778.	
Cash Prizes, Handicap—1, Ally Oomphs, K-25, 2778, \$30.50. 2, Make Ups, Y-12, 2764, \$20. 3, Mix Ups, Y-12, 2761, \$10.	
DOUBLES—MEN	
Scratch Trophies—1, Peckman-Hart, Y-12, 1105. 2, Sutton-Farmakes, ORNL, 1100. 3, Eby-Rowley, K-25, 1080.	
Handicap Trophies—1, Mills-Asmanes, K-25, 1272. 2, Womack-Young, ORNL, 1262. 3, Pratt-Boyd, K-25, 1258.	
Cash Prizes, Handicap—1, Mills-Asmanes, K-25, 1272, \$30.80. 2, Womack-Young, ORNL, 1262, \$28. 3, Pratt-Boyd, K-25, 1258, \$26. 4, Farmakes-Sutton, ORNL, 1250, \$24. 5, Markland, K-25-C. Smith, Y-12, 1245, \$20. 6, Kappelmann-Duckworth, Y-12, 1244, \$16. 7, Arndt-Swenn, K-25, 1243, \$14. 8, Ratjen-Petersen, Y-12, 1242, \$12. 9, Williams-Borie, ORNL, 1237, \$10. 10, Kilbourne-Conner, K-25, 1234, \$8. 11 and 12 (tie) Niemeyer-Favarella, Y-12 and Olka-Copeland, K-25, 1229, \$6. 13 and 14 (tie) Holznecht-Tibbatts, Y-12, and Riordan-Stanley, K-25, 1223, \$5.50. 15, Starker-Sell, K-25, 1221, \$5. 16, Riddle-Dunlap, Y-12, 1219, \$5. 17, Pierce-Bauchamp, ORNL, 1217, \$5. 18 and 19 (tie), Peckman-Hart, Y-12 and Felknor-Reynolds, ORNL, 1216, \$4.50. 20, Carden-Rossler, K-25, 1212, \$4.	
DOUBLES—WOMEN	
Scratch Trophies—1, Gaither-Miller, ORNL, 948.	
Handicap Trophies—1, Elliott-Dyer, K-25, 1202.	
Cash Prizes, Handicap—1, Evans-Maddux, Y-12, 1180, \$14.60. 2, O'Neal-Koons, Y-12, 1170, \$12.20. 3, Stewart-Ballard, ORNL and Y-12, 1168, \$9. 4, Gilliland-Taylor, K-25, 1167, \$6.	
SINGLES—MEN	
Scratch Trophies—1, Roy Roberts, Y-12, 609. 2, Householder, K-25, 604. 3, Ryder, K-25, 581.	
Handicap Trophies—1, Zulliger, ORNL, 733. 2, Franklin, K-25, 701. 3, Halsey, K-25, 700.	
Cash Prizes, Handicap—1, Franklin, K-25, 701, \$25.50. 2, Halsey, K-25, 700, \$18. 3, Ryder, K-25, 689, \$17. 4, Snyder, K-25, 686, \$16. 5, Womack, K-25, 677, \$14. 6, White, Y-12, 675, \$13. 7, Householder, K-25, 670, \$12. 8, Roy Roberts, Y-12, 666, \$11. 9, Hammes, K-25, 664, \$11. 10, Billington, ORNL, 660, \$11. 11, C. Logan, K-25, 657, \$10. 12, Foresman, K-25, 655, \$9. 13, Pratt, K-25, 653, \$7. 14, 15 and 16 (tie), Farmakes, ORNL, Frazier, Y-12, and Nobel, K-25, 646, \$6. 17, J. W. Jackson, ORNL, 642, \$5. 18 and 19 (tie), Spears, Y-12, and Peters, K-25, 639, \$5. 20 (tie), Jeffers, ORNL and Adams, K-25, 638, \$2.50.	
SINGLES—WOMEN	
Scratch Trophies—1, Stewart, ORNL, 486.	
Handicap Trophies—1, Williams, Y-12, 617.	
Cash Prizes, Handicap—1, Williams, Y-12, 617, \$10. 2, Cusman, Y-12, 609, \$8. 3, Stewart, ORNL, 609, \$7. 4, Huff, K-25, 604, \$6. 5, Bowelle, ORNL, 596, \$5. 6, Moore, Y-12, 592, \$2.50.	
ALL EVENTS—MEN	
Scratch Trophies—1, Kessing, K-25, 1724. 2, Roy Roberts, Y-12, 1695. 3, Rassler, K-25, 1691.	
Handicap Trophies—1, Pratt, K-25, 1928. 2, England, ORNL, 1901. 3, E. Green, Y-12, 1896.	
ALL EVENTS—WOMEN	
Scratch Trophy—1, Gaither, ORNL, 1479.	
Handicap Trophy—1, Bowelle, ORNL, 1800.	

Rippers Close Gap With Whitewash Win In B Bowling Loop

The Rippers picked up a valuable one point on the Bumpers in their nip and tuck race for first place in the B League last week, the second placers blanking the Bldg. 9211 keggers for four points while the loop leaders could get but three from the Bums. The Wasps kept pace with a three point victory over the One-91 team and other results, all by three point margins, found the Cubs beating the Tigers and the All Stars defeating the Comets.

The Tigers' Potter had the best scratch scores of the night with a 213 game and 584 series. Paddy Peckman, of Cubs, had a 244 handicap game and McLendon, of the All Stars, a 666 handicap series. Although losing, the Bums had the top single game scores of the night with 890 scratch and 1064 handicap. The All Stars took series honors with a 2529 scratch and 2993 handicap.

League standing follows:

Team	W	L
Bumpers	29	7
Rippers	26	10
Wasps	22	14
Bums	20	16
Tigers	19	17
Wolves	19	17
Cubs	19	17
Rebels	19	17
All Stars	19	17
Comets	13	23
One-91	7	29
Bldg. 9211	5	31

Remember—Only you can PREVENT FOREST FIRES!

Mezzanine Maulers Get Second Straight Whitewash Victory

The Mezzanine Maulers continued their march through the second half of the schedule of the E League last week by scoring their second straight four point win, this time over the Stinkers. The second place Rusty Five lost ground by dividing with the Cut Ups while the Three Ds were taking three points from the Dash Fours. The Gophers forfeited four points to the Easy Aces.

Kasten, of the Maulers, posted a 194 scratch game, 554 scratch series and 626 handicap series for tops in those items. Hibbits, of the Dash Fours, bagged a 222 handicap game for tops. The Three Ds took top spot in team scoring with a 769 scratch game, 970 handicap game and 2739 handicap series. The Rusty Five had a 2143 scratch series.

League standing follows:

Team	W	L
Mezzanine Maulers	37	15
Rusty Five	34	18
Three Ds	33	19
Easy Aces	28	24
Dash Fours	24	28
Cut Ups	24	28
Gophers	18	37
Stinkers	13	39

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Girl Scout Cookie Sale Will Aid Overall Program

A lot of Y-12ers will be munching cookies during the period of April 14-23 when the Girl Scouts of Oak Ridge will stage their annual cookie sale. Proceeds from the sale will go to the overall program of the Girl Scouts.

Sport Is Available To All Y-12 Players

Varsity, Class B, Plant Squads Will Play Game

The rapidly expanding softball program for everybody in Y-12 that can swing a bat or wear a glove is rounding into shape as additional activities for the coming season were outlined at the Recreation Office last week. Meanwhile, candidates for the varsity teams and the various plant league outfits have been working out steadily at the Middletown and Pine-wood Parks to get into shape.

Many Candidates Report

Prospects for good plant representative teams of both men and women in the Knox-Ridge League and outside competition loom brighter in each practice session. Many candidates for both squads have turned out at the Middletown drills with a number of newcomers showing up well and threatening to oust some veterans from their jobs.

The practice sessions for the next few days follows:

Wednesday, April 16, Middletown, women 7:30 p. m., men 9 p. m.

Friday, April 18, Middletown, women 7:30 p. m., men 9 p. m.

Monday, April 21, Oakwood No. 1, women 6 p. m.

Wednesday, April 23, Middletown, women 7:30 p. m., men 9 p. m.

Friday, April 25, Middletown, women 6 p. m., men 7:30 p. m.

The varsity squads, both men and women, will open their seasons against the strong Canton, N. C., teams on Saturday night, May 10. The Carolinians will return the visit to Oak Ridge on Friday night, May 23 for a double-header at Middletown. Negotiations also are underway with teams in Atlanta and Rossville, Ga., and Chattanooga for home and home games for both men and women.

Y-12ers In Knox-Ridge Loop

The Knox-Ridge League for men and women softball teams will begin operations this year on May 12. The Y-12ers made good records in both circuits last year and are setting their sights on high places this season.

In addition to the varsity teams, Y-12 will sponsor a team in the Oak Ridge Class B League this year. More details on this loop will be announced later. Information on this circuit may be obtained from A. F. Kendig, Bldg. 9201-3, telephone 7391, or the Y-12 Recreation Office, Bldg. 9701-1, North Portal, telephone 7753.

Candidates for the various plant league teams are working out every day except Saturdays and Sundays at Pinewood Park, where the season will open on Monday night, May 5.

Meeting Set Friday, April 25

All team captains or representatives are reminded of the important meeting of the plant league to be held at 3 o'clock Friday afternoon, April 25, at the Recreation Office. Final plans for league organization will be made at that time. The deadline for entering teams in the league will be on Monday, April 28.

Devotees of the slow pitch game of softball again will have an opportunity to play as the plant will sponsor a team in the Oak Ridge City League this season. Players interested are asked to get in touch with Elmore Koons, Bldg. 9201-3, telephone 7351.

To spread the sport as far as possible, the Recreation Office is endeavoring to form a slow pitch league for shift workers in the plant. Any group interested in this plan are urged to communicate with the Recreation Office and if sufficient teams are obtained, a league will be formed.

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Oak Ridge, Tenn.
Permit No. 3**Three ACS Speakers Will Address Meeting
Of Section In Oak Ridge Thursday Night****Dr. Hilton A. Smith****Dr. Carl T. Bahner**

A varied and interesting program featuring three speakers from its own organization will be given by the East Tennessee Section of the American Chemical Society tomorrow night, Thursday, April 17, in Oak Ridge. The meeting will be held in the cafeteria of the new high school, beginning at 7:30 o'clock, and will be preceded by a dinner at 6 o'clock at The Spot restaurant.

Group To Divide For Talks

Dr. Hilton A. Smith, professor of chemistry at the University of Tennessee, will start the program with an address to the entire audience, after which the group will divide to hear talks by Dr. Carl T. Bahner, professor of chemistry

**Carbide Wives Will Hold
Card Party, Meeting Tonight**

The monthly meeting and card party of the Carbide Wives will be held at 7:30 o'clock tonight, Wednesday, April 16, in the East Lounge of the Ridge Recreation Hall. Bridge and canasta will be played.

Mrs. J. A. Wethington is the club executive board member in charge of the meeting. Hostesses will be Mesdames T. M. Gayle, Benny Soldano, W. C. Davis, R. A. Hamrick, B. B. Gregory and G. A. Sheppard.

All wives of Y-12 employees are invited to attend the meeting.

**Cinema Club Will Project
Movies Made Of Magician**

Movies made by members of the Oak Ridge Amateur Cinema Club on March 20 of a performance by Dr. Anton Brasunas, Oak Ridge National Laboratory amateur magician, will be shown at a meeting of the club tomorrow night, Thursday, April 17. The meeting will be held at 8 o'clock in the auditorium of the American Museum of Atomic Energy. Several Y-12ers are members of the club and are expected to show films at the meeting. Among them are Paul Blakely and Joe Preslar.

at Carson-Newman College, Jefferson City, Tenn., and Dr. DeForest F. Smith, of the Carbide K-25 plant.

Dr. Hilton Smith will speak on "Kinetics of Catalytic Hydrogenation and Exchange Reactions." He was born in Plymouth, N. Y., and received his A.B. degree from Oberlin College in Ohio and his M.S. and Ph.D. degrees from Harvard University, Cambridge, Mass. After one year as a post doctoral fellow at Harvard he taught six years at Lehigh University, Bethlehem, Pa., before coming to the University of Tennessee in 1941.

Bahner Is ORINS Aide

Dr. Bahner received his B.A. degree from Hendrix College in 1927 and a Ph.D. from Columbia University in 1936. He is an associate of the Medical Division of the Oak Ridge Institute of Nuclear Studies and his subject will be "Synthesis of Compounds for Cancer Chemotherapy Study."

Born in Watertown, N. Y., in 1920, Dr. DeForest Smith received his B.A. in physics from Colgate University in 1942 and his M.S. at Yale the following year. In 1948 he received his Ph.D. degree from Yale and since then he has been working in molecular spectroscopy at K-25. His subject will be "Application of Microwave Spectroscopy to Problems in Chemical Analysis."

**Joe Bair Notches
Several Pistol Marks**

Joe K. Bair, of the Y-12 pistol team in the Oak Ridge League, just about walked away with all individual honors during the season on just closed. He had the highest scratch average of 85.568 and was second in the league in handicap average with 96.001. M. E. LaVerne, another Y-12er, was third in scratch average with 83.685. Bair also had the highest scratch score for any individual match in the season with an even 93 and went on to boost this to 97.925 with handicap, also high for the season. These scores are

**Eight Oak Ridge Carbide Employees Reach Finals In UCC Contest
In Which Dr. Begun Won Second Prize; Two Other Y-12ers Listed**

In addition to Dr. George M. Begun, of the Materials Chemistry Division in Y-12 who took second prize in the Union Carbide and Carbon Corporation Camera Club color slide contest held March 20, in New York, two other Y-12ers were among the eight Oak Ridge Carbide employees who were finalists in the event, it has been announced by UCC Camera Club authorities.

The other two Y-12ers among the finalists were Herman L. Dickerson, of the Electromagnetic Research Division and a frequent prize winner in Oak Ridge Camera Club contests; and Dr. Frederick T. Howard, of the same division. The other Oak Ridge Carbide employees in the list of finalists included Louise G. Langerhans, K-25; William R. Castro, Calvin E. Lamb, Joe Lundholm, Jr., and Frank W. Browder, all of the Oak Ridge National Laboratory. Dr. Begun, Dr. Howard and Dickerson are ORNL employees but working in Y-12.

First prize in the entire UCC contest was won by Clifford O. Schwahn, of the Bakelite Co., Chicago. Third prize went to Charles W. Stiles, Carbide and Carbon Chemicals Company, Whiting, Ind. A total of 810 slides were entered and prior to the final judging the number of entries were reduced to 71 finalists. In addition to the Oak Ridge finalists, 22 others were employees of various Carbide and Carbon Chemicals Company Units.

**Y-12ers Get Head Start
On Clean-Up Work**

Continued from Page 1

arranged? Are office desks, file cabinets, book cases, safes and other office equipment arranged in an orderly manner? Are yards and surrounding premises clean and free of all waste, rubbish, scrap materials, dry grass and weeds?

Success Can Be Assured

Compliance with all of the suggestions on the investigation blank will insure success of the campaign in Y-12.

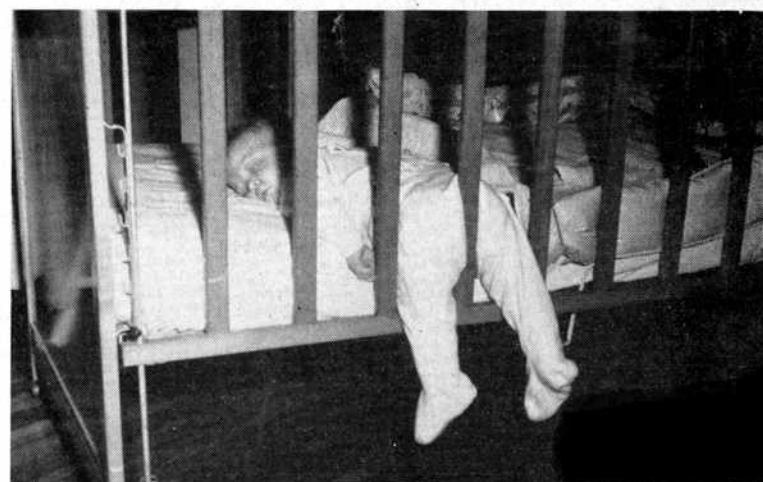
The Clean-Up Week campaign in Y-12 coincides with similar movements in other Carbide plants in Oak Ridge and also with the city-wide campaign, being coordinated by the Oak Ridge Safety Council. The Oak Ridge campaign is being aided by various civic organizations, including Boy Scouts and Girl Scouts, the Women's Club, Ministerial Association, clubs and other groups. Management Services will send out special trucks for the removal of trash on schedules to be announced and radio programs also will boost the movement.

**Y-12 Keglerettes
Whitewash Hospital**

The Y-12 women's varsity bowling team resumed winning ways last Thursday night with a three out of three game victory over the Oak Ridge Hospital team. The Y-12 lassies remained in fourth place in standings of the Oak Ridge City League.

The Y-12 team scores were 644, 745, 760—2149; to 575, 670, 661—1906 for the hospital. The individual scoring for Y-12 was well bunched with Juanita Kirwan leading with 139, 140, 167—446; followed by Margaret O'Neal 131, 168, 140—439; Katie Williams 140, 147, 150—437; Ruby McGinnis 115, 157, 149—421; and Betty Whitehorn 119, 133, 154—406.

out of a possible 100 points. The Y-12 team was the second half of the season schedule and finished third for the entire season.



THIS PHOTOGRAPH OF A BABY IN ITS CRIB, TRANS-
formed into a color slide, won second prize for **Dr. George M. Begun**, of the Y-12 Materials Chemistry Division, in the Union Carbide and Carbon Corporation Camera Club corporation-wide contest held March 20 in New York.

**Rides Wanted
And Offered**

Want To Participate In Car Pool—From Wade Lane, Oak Ridge, to North Portal, straight day. John G. Moore, plant telephone 7433, home telephone 5-6988.

Ride Wanted—From South Clinton, straight day. O. B. Harness, home telephone 427-R, Clinton.

Riders Wanted—From five miles out Chapman Highway from Knoxville, straight day. C. L. Majors, plant telephone 7764, home telephone 3-7218.

Rider Wanted—From Knoxville, straight day. F. B. Peake, plant telephone 7785, home telephone 4-5401.

Riders Wanted—From Clinton, straight day. George DeLozier, plant telephone 7435.

Ride Wanted—From Hunter Circle, Oak Ridge, straight day. Blanche Casey, plant telephone 7554, home telephone 5-2973.

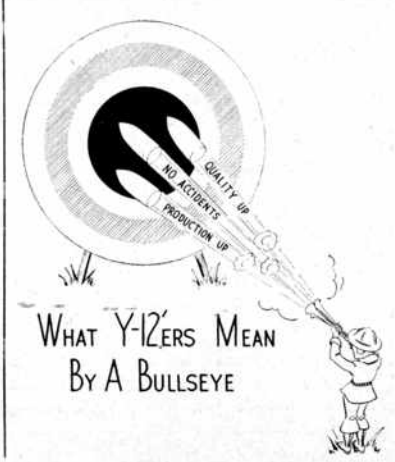
Ride Wanted—Beginning April 21 from Kingston-Nelson subdivision, Lake Shore Drive, straight day. Josephine Gower, plant telephone 7212.

Riders Wanted—From Fifth and Richards Sts., Knoxville, through Oakwood and Lonsdale sections, straight day. G. A. Kirk, plant telephone 7793, home telephone 5-5224.

**Riflemen Get Win
Over Juniors Team**

After defeating the Juniors by a 4.7 point handicap margin on April 7, the Y-12 rifle team will wind up its schedule next Monday, April 21, with a match against the Independents.

In beating the Juniors the Y-12 team posted a handicap score of 970.835 to 966.192 for the opposition. Individual scratch and handicap scores for the Y-12ers were W. D. Cunningham 168—194.880; L. H. Theisen 172—194.596; J. D. Rose 173—194.536; O. K. Sergeant 166—194.343; and J. R. Helton 153—192.480.

**Gloves, Tennis Ball
'Introduce' Plotters**

Continued from Page 1

father was a Lutheran pastor who became a Quaker. Klaus, the youngest child, was showered with attention. Behind the meekest demeanor, and in a sickly body, he developed a curious superiority complex. But no one denied that Klaus was not only bright but brave.

He joined a Communist Youth organization and, in the early 1930s, agitated openly in behalf of Hitler's Nazi party. German Communists, it is generally forgotten, were strongly pro-Hitler on the ground that he and his party had the best chance of unseating the Weimar Republic—after which the Communists would take over from the Nazis as the parent party had seized Russia from the moderate Kerensky government.

Fuchs Ducks Underground

Hitler, of course, out-intrigued the German Communist plot by burning the Reichstag and commencing his purge of the Reds on the ground that they were the arsonists.

Fuchs ducked underground and became a cog in a Communist group dedicated to protecting key workers from Hitler's wrath. After a time he was ordered to leave the country in order to complete his schooling.

In Britain he shone at Bristol University (doctorate of philosophy in mathematics and physics) and at Edinburgh University (doctorate of science). The Carnegie Foundation awarded him a research fellowship. When war broke out he was interned and sent to Canada, along with many other enemy aliens. He formed a violent hatred of Britain for interning him—a known loather of Hitlerism.

By 1942 he was back in England and had accepted a teaching post at the University of Glasgow. In June of that year he was assigned to secret atomic work, became neutralized, took the solemn security oath, and made immediate contact with a Communist espionage ring to deliver to it such information as he could acquire. The hatred of the Nazis for this man was such that sometime after his return to Britain Joseph Goebbels sent to British security officials, via Switzerland, a dossier on Fuchs' Communist activities in Germany as a student. The British ignored the information on the ground that it was but part of a continuing Nazi effort to "split the Allies."

Fuchs' contributions to the fund of Soviet atomic knowledge could only have been meagre during his immediately subsequent two years of work in Britain's atomic research program.

(Next week: Fuchs and Gold in operation.)